

Claims

What is claimed is:

1. A system for providing geographically relevant information; comprising:
a plurality of websites, each website identified by a region identifier associated with a geographic region; and
a mobile communications system linking information associated with a user's location associated with the region identifier, the linked information is provided to the user.
2. The mobile communications system of claim 1 employing a global positioning system (GPS) system for identifying the user's location.
3. The system of claim 1 wherein the plurality of websites is associated with M number of websites.
4. The system of claim 1 wherein the region identifier is associated with N number of regions.
5. The system of claim 4 wherein the region identifier is embedded into the website.
6. The system of claim 5 wherein the region identifier is embedded *via* XML.
7. The system of claim 1 wherein a query is directed to the mobile communications unit and information related to a geographic region is provided.

8. The system of claim 7 wherein the query is directed to a shaped region.
9. The system of claim 7 wherein the query is related to a geographical direction.
10. The system of claim 7 wherein the system dynamically updates the query corresponding to the location of the mobile communications unit.
11. A system for providing data received from a global communications network to a mobile data receiver, the mobile data receiver including a global positioning system capable of transmitting a position signal and a data receiver identifier, the system comprising:
 - a mass storage medium for storing at least one user profile corresponding to the data receiver identifier; and
 - a server coupled to the mass storage medium;wherein the server directs data to the mobile data receiver corresponding to the position signal and the at least one user profile.
12. The system of claim 11 wherein the global positioning system is a personal communications system (PCS).
13. A system for providing data received from a global communications network to a mobile data receiver, the data receiver including a global positioning system capable of transmitting a position signal, a data receiver identifier, a data query and a user ID, the system comprising:
 - a mass storage medium for storing at least one user profile and a corresponding user ID;

and

a server coupled to the mass storage medium;

wherein the server directs data received from the global communications network based on the position signal and the user profile and corresponding user ID to a mobile data receiver.

14. A system for searching web based information comprising:

a mass storage medium for identifying a plurality of web pages containing data;

a predefined high resolution geographic position system, the mass storage medium containing high resolution geographic position information based on the predefined high resolution geographic position system;

wherein the high resolution geographic position information is associated with each of the plurality of web pages.

15. A data information server system for use in conjunction with a mobile data receiver, the system comprising:

a global communications network;

a server coupled to the global communications network;

a mass storage medium coupled to the server, the mass storage medium including

a client profile database including a plurality of client profiles,

a geographic position filter for relating information to a position, and

a wireless transceiver coupled to the server, the server capable of searching for data over the global communications network in accordance with one of the plurality of client profiles and a position of the mobile data receiver.

16. A method for providing data to a mobile data receiver comprising the steps of:

determining a position of the mobile data receiver within a geographic region;
forming a data search;
identifying a set of data responsive to the data search;
identifying a subset of the set of data based upon the position of the mobile data receiver; and
transmitting the subset of data to the mobile data receiver.

17. A method for providing data to a mobile data receiver comprising the steps of:

defining a data profile for a user of the mobile data receiver;
determining the position of the mobile data receiver;
forming a query based upon the data profile;
utilizing a search engine to compile a set of data responsive to the query;
forming a subset of the set of data based on the position of the mobile data receiver;
transmitting the subset of data to the mobile data receiver.

18. The method as set forth in claim 17 further comprising the steps of:
monitoring the data reviewed by the user; and
defining the data profile based upon the data previously reviewed by the user.

19. A method for creating a searchable web based data set comprising:
creating a set of machine readable data;
associating geographic position information with the set of data;
storing the set of data and geographic position information in a storage medium;
and
coupling the storage medium to a global communications network.

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20. The method as set forth in claim 20 wherein the step of associating geographic position information with the set of data comprises the step of embedding the geographic information within the set of data.

21. The method as set forth in claim 20 wherein the step of storing the set of data and geographic position information in a storage medium comprises the step of creating an HTML file wherein the geographic position information is a metatag.